



## Common Cysteine Backbone

	1	50
human-gremlin.pro	_____	_____
human-cerberus.pro	MIILLFQLLY LLPLGKTRH QGQRNQSSL SPVLLPNQR ELPTGNHEEA	
human-dan.pro	_____	_____
human-beer.pro	_____	_____
	51	100
human-gremlin.pro	_____	_____M SRTAYTVGAL LLLGLTLLPA AEGKKKGSQG
human-cerberus.pro	EKPDLFVAV PHLVAT SPA GEGQRQREKM LSRFGRFWK PEREMHPSRD	
human-dan.pro	_____	_____
human-beer.pro	_____	_____MQLPLA LCLVCLLVHT
	101	150
human-gremlin.pro	AI.PPPDKAQ HNDSEQTOSP QQPGSRNRGR GQGRGTAMPG EEVLESSQEA	
human-cerberus.pro	SDSEPFPPGT QSLIQPID.G MKMEKSPLRE EAKKFWHFM FRKTPASQGV	
human-dan.pro	_____	_____MLRVLVGAVL PAMLLAAPP
human-beer.pro	AFRVVEGQGW QAFKNDATETI IPELGEYPEP PPELENNKTM NRAENGGRRP	
	151	200
human-gremlin.pro	LHVTERKYLK RDWCKTQPLK QTIHEEGNS RTTIIRF.CY GQCNSFYTPR	
human-cerberus.pro	ILPIKSHVH WETCRIVPFS QTTIHEGCEK VVQNNL.CF GKCGSVHFP.	
human-dan.pro	INKLALFPDK SAWCEAKNIT QIVGHSGCCA KSTQNR.CL GQCFSYSVPH	
human-beer.pro	HIPIFETKQVS EYSCRELHFT RYVTDGPRS AKPVTELVC S GCGPARLLP	
	201	250
human-gremlin.pro	HIRKEEGSFQ SCSE...CKP KKFTTMVTL NCELOPPTK K.KRVTRVKQ	
human-cerberus.pro	..GAAQHSHT SCSE...CLP AKFTTMILPL NCELTSSVIK V...VMLVEE	
human-dan.pro	TFQSTESLV HCDS...CMP AQSMIEIVTL ECPGHEEVPR VOKLVEKTLH	
human-beer.pro	NAIGRGKWR PSGPDFRCIP DRYRAQRVOL LCPGGEAPRA RKVRLVAS..	
	251	300
human-gremlin.pro	CRC.ISTOLD	
human-cerberus.pro	CQCKVKTEHE DGHILHAGSQ DSFTPGVSA	
human-dan.pro	CSCQACGKEP SHEGLSVYVQ GEDGPGSQPG THPHIPHIPH PGGQTPPEPD	
human-beer.pro	CKCKRLTRFH NQSELKDFGT EAAPQKGRK PRPRARSAKA NQAELENAY-	
	301	314
human-gremlin.pro	_____	_____
human-cerberus.pro	_____	_____
human-dan.pro	PPGAPHTEEE GAED	
human-beer.pro	_____	_____

Fig. 1

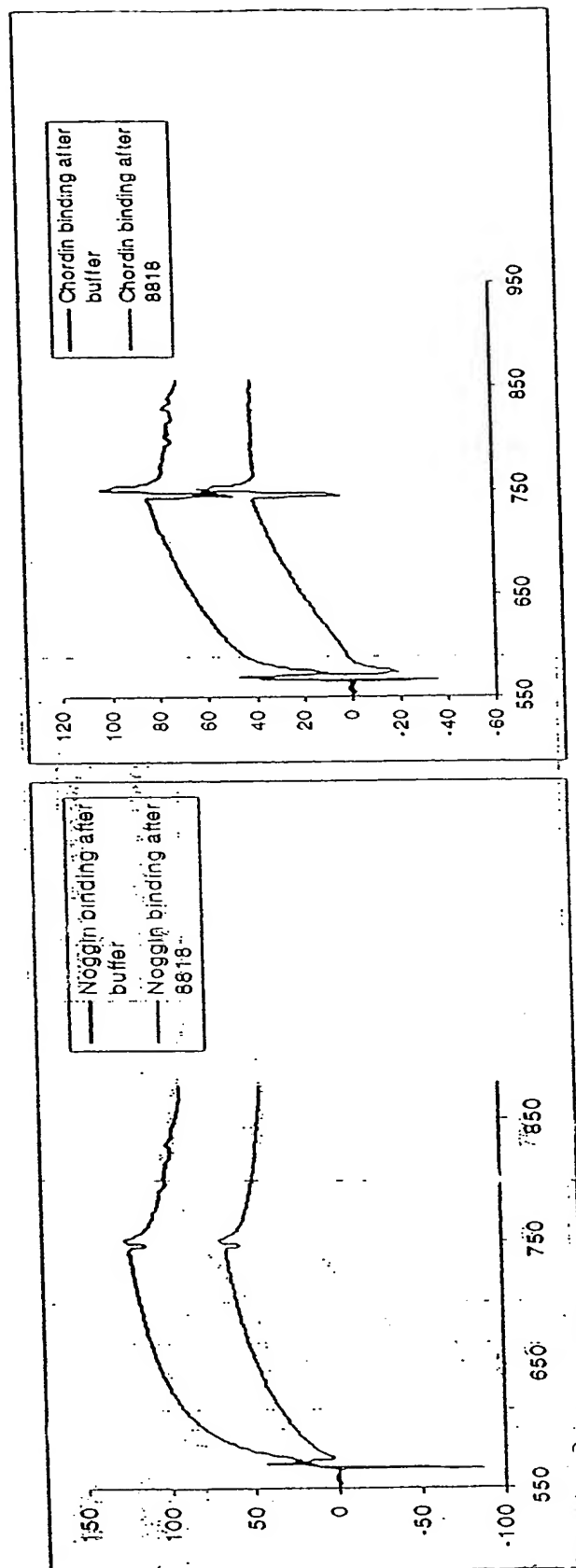
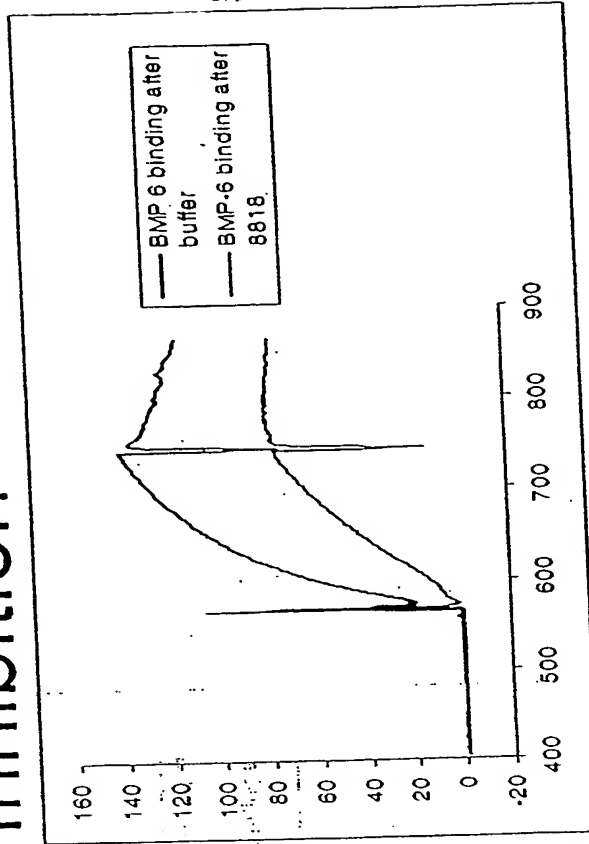


FIGURE 2

## Inhibition



## No inhibition

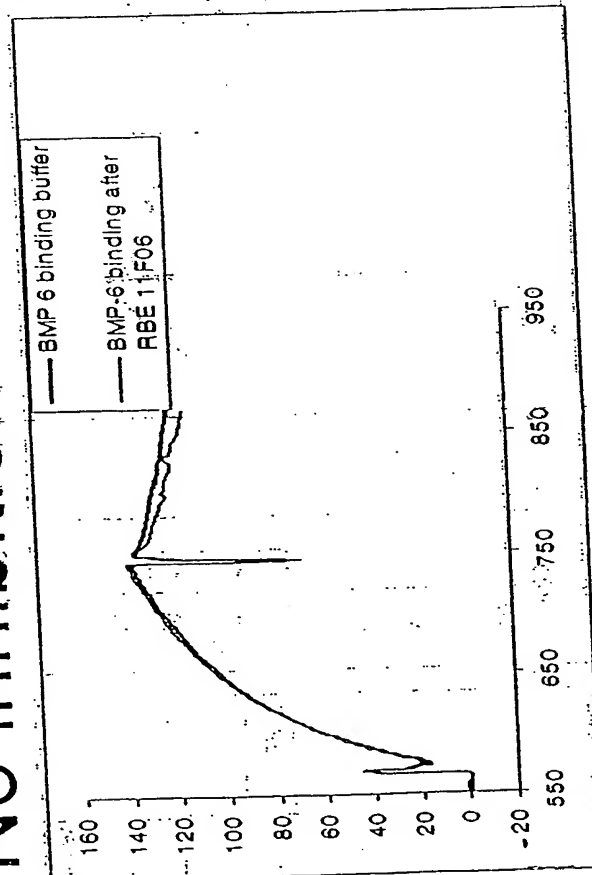


FIGURE 3

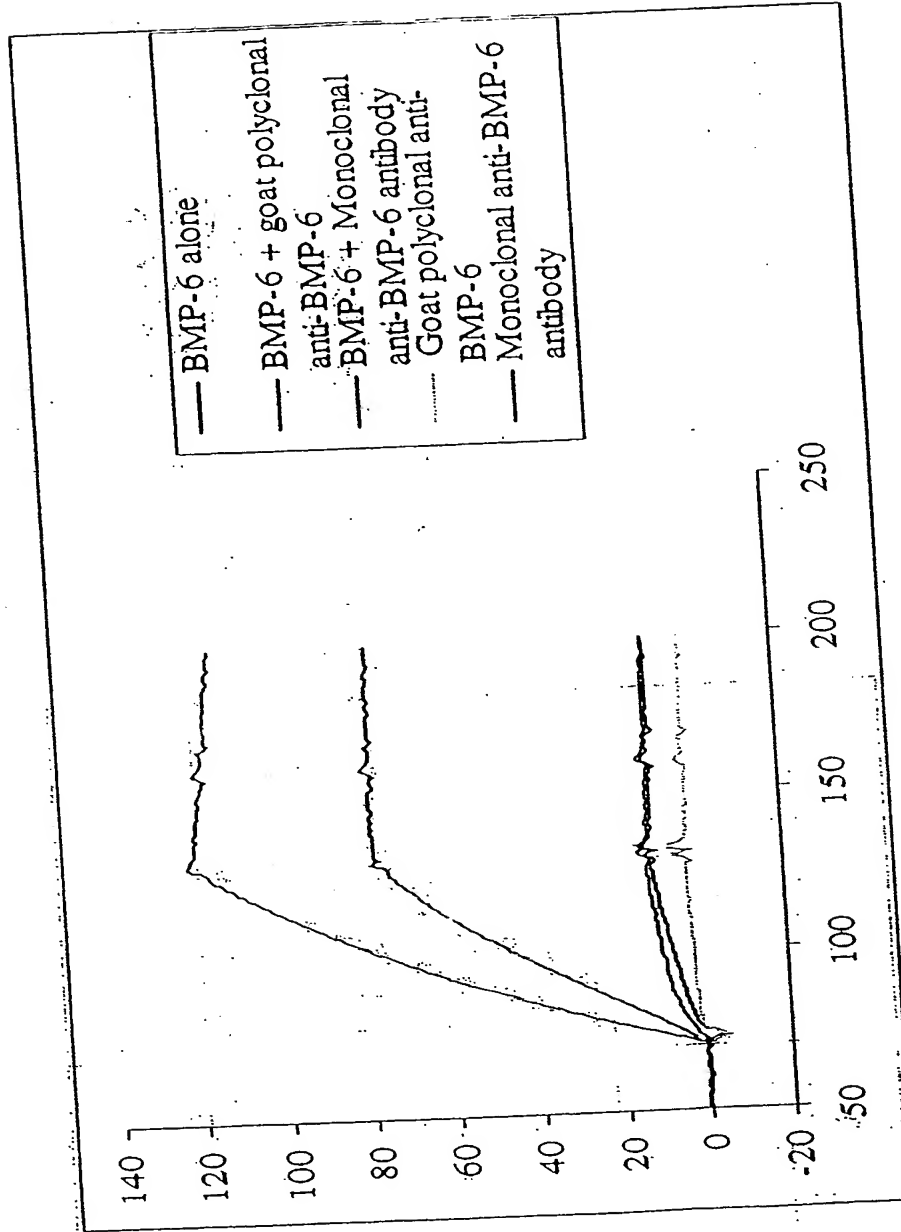


FIGURE 4

\* Goat Polyclonal anti-hBMP-6; R&D Cat.# AF507  
 \* Mouse Monoclonal Anti-BMP-6; R&D Clone 742219.11

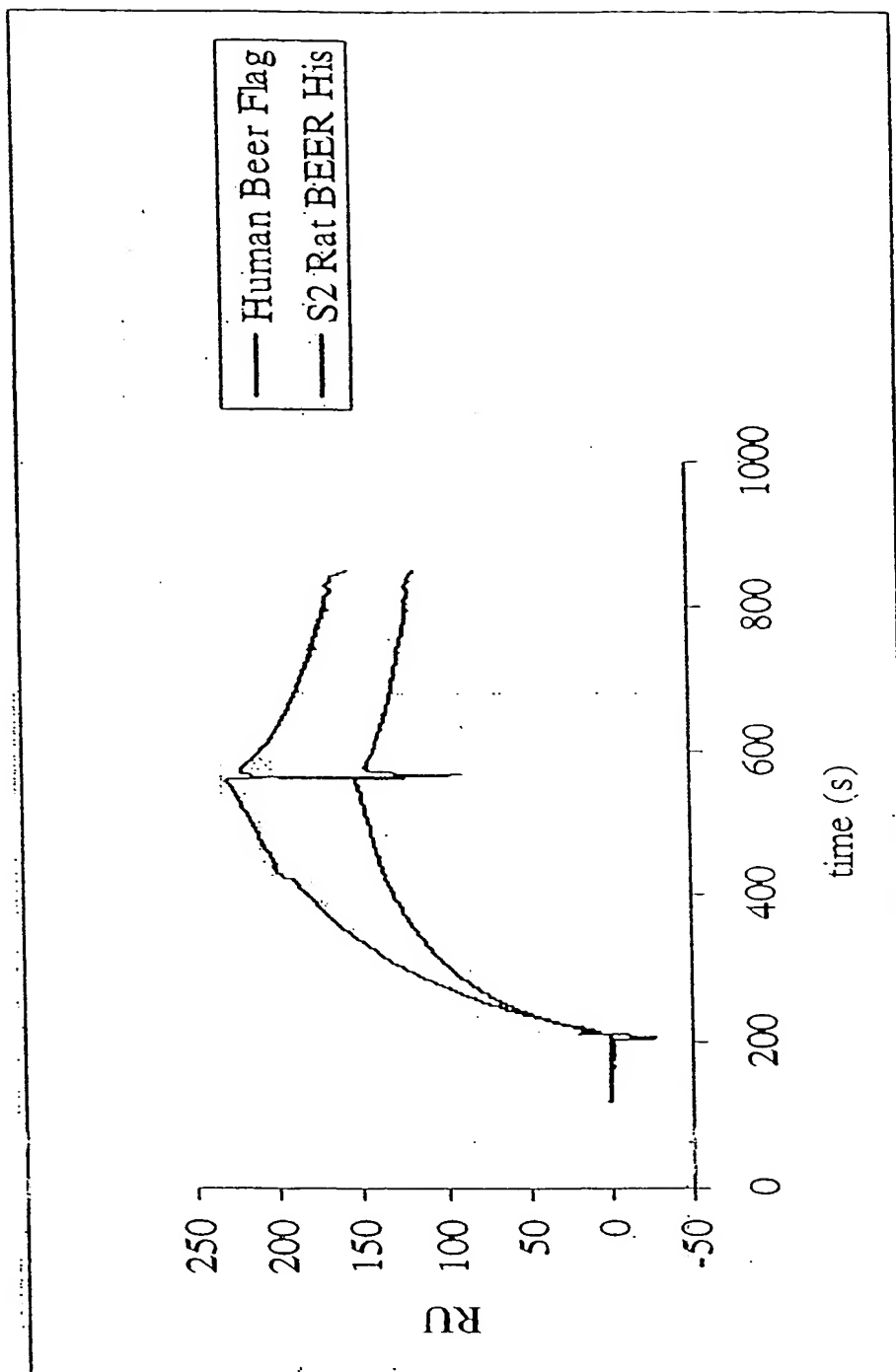


FIGURE 5

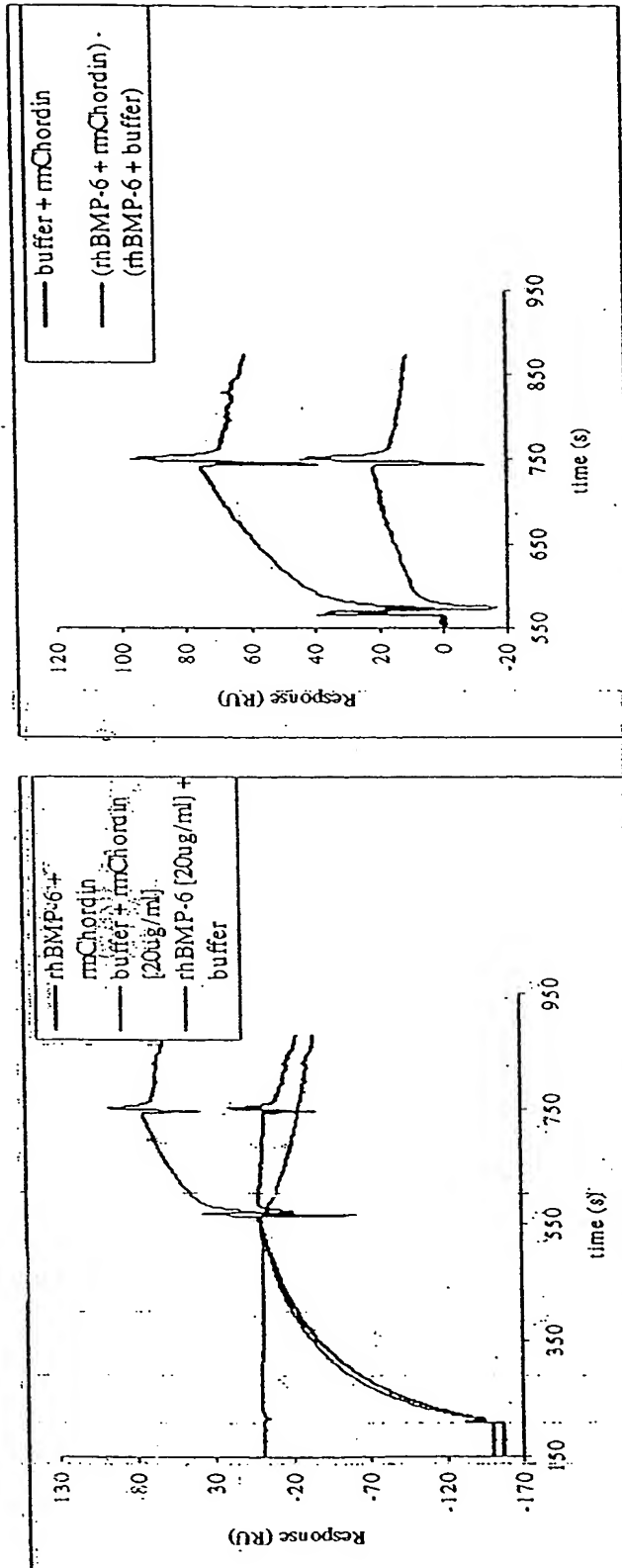


FIGURE 6

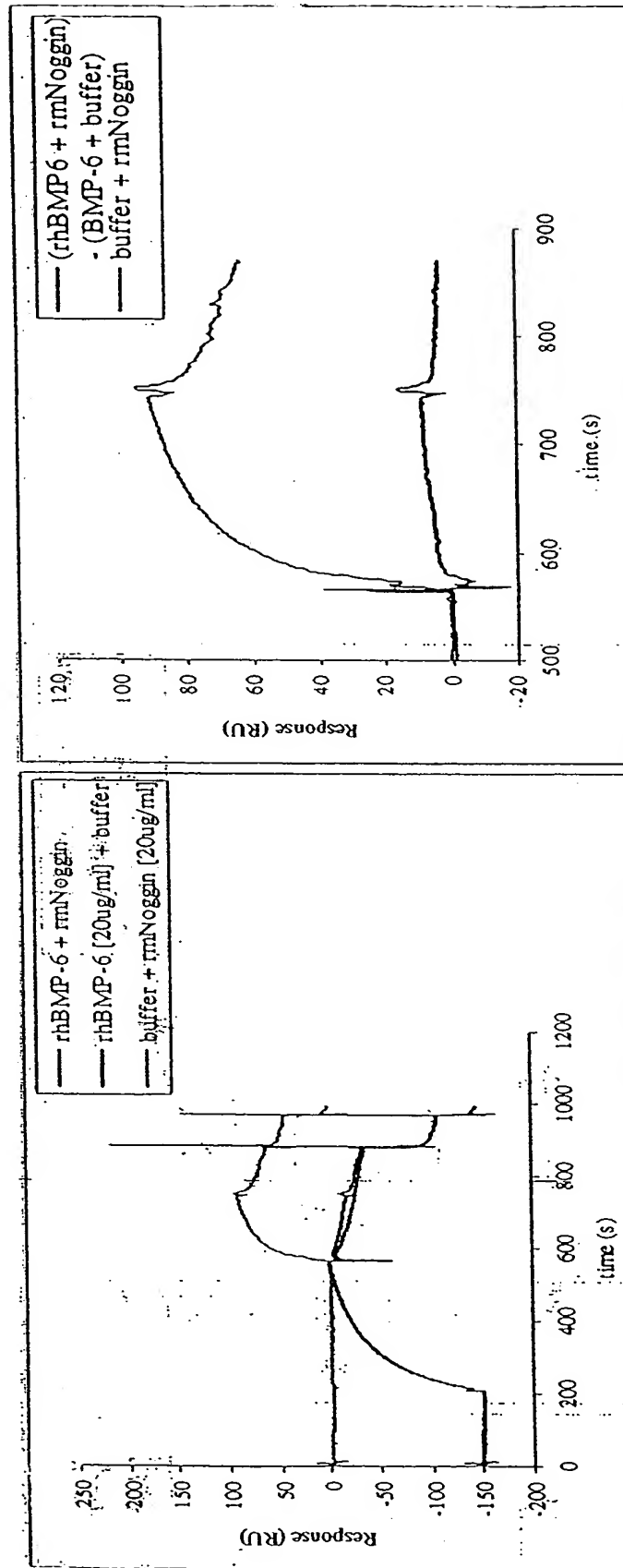


FIGURE 7

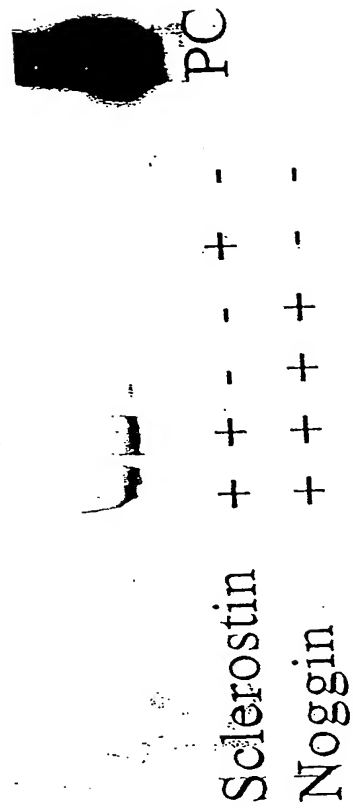


FIGURE 8



FIGURE 9

